

Data Sheet

# Remote Control

## T70 1 ATEX Transmitter

The T70 1 ATEX is highly customizable with many features and accessories. From removable EEPROM SIM module to tandem system solutions, the T70 1 ATEX brings quality and reliability to lifting applications.

### Features

- High-sensitivity two-step push button
- Multi-band Radio with Full-Duplex communication
- External removable EEPROM SIM module
- Frequency management against interferences

### Benefits

- Highly customizable
- Easy and fast maintenance
- High resistance to impacts
- Improved ergonomics
- Intrinsically safe

### Applications

- ATEX certified for hazardous applications
- Used in crane applications

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Comprehensive technical literature is online at [www.danfoss.com](http://www.danfoss.com)

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### Technical data

Specification	Value
Stop function (400-900MHz)	Cat. 3-PLd
Ingress Protection	IP65/NEMA4
Anti-condensation system	N/A
Frequency band	433.050 to 434.040 MHz; ERP<1 mW
	434.040 to 434.790 MHz; ERP<10mW
	869.700 to 870.000 MHz; ERP<5 mW
	902.000 to 928.000 MHz; ERP<1mW
Range Line of Sight (guaranteed)	100m
Main mechanisms	2 Step Push button (6 total) + START + STOP + Key
Auxiliary mechanisms	Toggle and rotary switches
Removable EEPROM	External
Battery model	BT06K ATEX
Battery life	8h
Response Time	100ms
Operating temperature Range	-20° to 70° C (-4° to 158° F)
Storage Temperature Range (24h)	-25°C to 75°C (-13°F to 167°F)
Storage Temperature Range (long periods)	-25°C to 55°C (-13°F to 131°F)
Relative Humidity	max. 95% without condensation
Weight (with battery)	500 g
Dimensions LxWxH mm	270x71x64
Harness	Hand/shoulder strap
<b>Available Options</b>	
Display	N/A
Cable connection	N/A
Range limiter	N/A
Associated receivers	R13, R70, MPCAN, R70 ATEX Z1, R13 ATEX Z2

#### ATEX / IECEx

Ex II 2 GD  
 Ex ia IIC T4 Gb  
 Ex ia IIIC T135°C Db  
 CE0080  
 INERIS 08ATEX0006  
 IECEx INE 09.0014  
 CML 21UKEX21119

#### CSA / UL

Class I, Division 1, Groups A, B, C & D  
 Class II, Division 1, Groups E, F & G  
 Zone 21, AEx iaD T135°C T4 IP65